



HF Happenings



South African Radio League * Suid-Afrikaanse Radioliga
1925 - 2015

Member Society of the International Amateur Radio Union since 1925

www.sarl.org.za www.iaru.org www.iaru-r1.org

No 640

January 2015

SARL Summer QRP Contest

The QRP contests are intended to be fun activities to promote QRP operation between radio amateurs. Using homebuilt equipment or operating as a portable or field station is encouraged, but is not a requirement.

The Summer QRP Contest will be on the air on Saturday 24 January from 12:00 to 15:00 UTC with SSB and CW operation using 5 watts maximum output or less.

A station may be worked once per band per mode and there are no antenna restrictions.

The first hour is limited to the 40 m only, the remaining two hours any HF, excluding the WARC, band may be used. Please comply with the contest-preferred segments as detailed in the general rules. It would be advantageous to use the standard QRP calling frequencies as the starting point.

The exchange is a RS or RST report and your grid locator. Please consider exchanging realistic signal reports and use the 6-character grid locator.

Each contact counts 1 point, each South African call area as a multiplier and each DXCC country worked counts as a multiplier.

Logs must be submitted by 31 January to contest@sarl.org.za. Indicate if the operator is a youth or YL and a photo/s of the station operating MUST accompany every log entry.

Find the complete rules in the 2015 Blue Book.

ZS90SARL

For the week 12 - 18 January Mike Stokes, ZS6AI, from Kempton Park, will operate the call sign. QSL via the SARL electronic QSL system.

The Yasme foundation announces the Yasme Excellence Awards and other actions for 2014

Dated 5 January [edited]. The Board of Directors is pleased to announce the following actions and awards:

1. The Yasme Excellence Awards - The Yasme Excellence Award is presented to individuals who, through their own service, creativity, effort and dedication, have made a significant contribution to amateur radio. The contribution may be in recognition of technical, operating or organisational achievement, as all three are necessary for amateur radio to grow and prosper.

Yasme Excellence Awards have been made to the following individuals during 2014:

a. Kimo Chun, KH7U, for his 20 years of behind-the-scenes support to DXpeditions to Pacific entities, including logistics, organization, equipment, local contacts and planning.

b. Dick Flagg, AH6NM, for his years of working with the Amateur Radio on the International Space Station (ARISS) and Shuttle Amateur Radio Experiment (SAREX) groups and in supporting NASA's Radio Jove project, all designed to introduce amateur radio to the public, particularly students of all ages.

c. Lisa Leenders, PA2LS, and Florin-Cristian Predescu, YO9CNU, for their work in organizing and promoting Youngsters on the Air (YOTA) and amateur radio youth activities.

2. California Historical Radio Society. The Board made a grant of \$9 500 to the California Historical Radio Society (CHRS) to fund the Maxwell Library and Maxwell Archives Room in support of Jim Maxwell's, W6CF (SK), efforts to maintain the history of amateur radio.

3. Foundation for Amateur Radio. The Board made a grant of \$5 000 to the Foundation for Amateur Radio (FAR) to be used in FAR's scholarship programme.

4. International Amateur Radio Union Region 1. The Board made a grant of \$5 000 to IARU Region 1 in support of youth activities in amateur radio.

5. Bruce Horn, WA7BNM. The Board made a grant of \$2 000 to Bruce Horn, WA7BNM, for providing Web-based services to the Amateur Radio community. The Board encourages others to add their support of online services, which are often freely provided to the amateur community by individuals who develop and maintain the services at their own expense.

6. Egyptian Radio Amateurs Society for Development (ERASD). The Board made a grant of \$2 000 to IARU Region 1 earmarked for the support of the Egyptian Radio Amateur Society for Development (ERASD).

7. World Wide Radio Operators Foundation. The Board made a grant of \$2 000 to the World Wide Radio Operators Foundation (WWROF) in recognition of their support for the Yasme Foundation and other amateur radio groups, its support of international radio-sport activities and for providing webinars to the amateur radio community.

8. ARRL Foundation. The Board made a grant of \$3 000 to the ARRL Foundation in support of the Foundation's scholarship program.

9. ARRL Second Century Campaign. The Board made a grant of \$4 000 to the ARRL Second Century Campaign for the

January 2015

1 – New Year's Day; start of ZS90SARL; start of CQ Marathon

5 – NARC opens

10 and 11 – Hunting Lions in the Air

14 – Inland schools open

15 January - your input to the South African Radio League about the draft amendments to the radio regulations to sarlregwg@sarl.org.za

16 to 18 – PEARS National VHF/UHF Contest

21 – Coastal schools open

24 – Summer QRP Contest

29 – Up the Creek, Swellendam (ZS1)

30 – Stellenbosch Wine Festival (ZS1)

31 – J&B Met, Cape Town

February 2015

2 – World Wetlands day

7 – SARL@HOME at the NARC

7 and 8 – AWA CW Day; Midmar Mile Swim, PMB

11 to 25 – Rhodes Stopesitfees (ZS2)

14 – Valentine's Day

14 and 15 – SARL National Field Day; Berry Festival, Magoebaskloof (ZS6)

18 – Ash Wednesday

18 and 19 – The 2015 Sub-Sahara Spectrum Management Conference, Johannesburg

21 – SARL Youth Contest

22 – SARL Digital Contest

27 and 28 – SARL Council Strategic Meeting, Jhb; Clarens Beer Festival (ZS4). *Can Council not move its meeting to Clarens?*

support of Amateur Radio in the next 100 years.

The Yasme Foundation is a not-for-profit corporation organized to conduct scientific and educational projects related to amateur radio, including DXing (long distance communication) and the introduction and promotion of Amateur Radio in developing countries.

For additional information about The Yasme Foundation, visit our website at <http://www.yasme.org>

Ward Silver, NOAX, President, the Yasme Foundation

Board of Directors: Fred Laun, K3ZO, Director and Vice-President

Rusty Epps, W6OAT, Director and Treasurer
Kip Edwards, W6SZN, Director and Secretary
Martti Laine, OH2BH, Director
Mac McHenry, W6BSY, Director
Bob Vallio, W6RGG, Director

CQ DX Marathon

The CQ DX Marathon is a year-long DX hunt, with participants competing to see who can work the greatest number of countries ("entities") and CQ zones during the calendar year. The 2015 edition started at 00:00 UTC on 1 January and will end at 23:59 UTC on 31 December. Complete details can be found at www.dxmarathon.com

The DX Magazine's annual Most Wanted Survey

The DX Magazine's annual Most Wanted Survey was conducted in September /October 2014. The top 10 DXCC Entities are:

1. P5 North Korea
2. KP1 Navassa Island
3. 3Y Bouvet Island
4. FT5W Crozet Islands
5. VK0 Heard Island
6. BS7H Scarborough Reef
7. VP8 South Sandwich Islands
8. FT5T Tromelin Island
9. KH5K Kingman Reef
10. KH5 Palmyra

Eight out of ten places are occupied by the same DXCC Entities listed for 2013 and 2012, in 4 cases with just a slight variation in ranking. Tromelin Island is still listed, because the survey closed on 15 October and FT4TA became active on 30 October. Marion Island was in 8th place and now has moved down to the 19th (thanks to the activities by ZS8C, ZS8Z and ZS8A); Amsterdam and St. Paul was in 4th place and now - not surprisingly, after FT5ZM - is no longer listed among the 100 Most Wanted Entities. ZS8 and FT5Z have been replaced by Kingman Reef and Palmyra & Jarvis, which last year were in 12th and 11th place respectively.

The 100 Most Wanted listing can be found at <http://www.dxpub.net/MOST-WANTED-SURVEY.html>. Breakdowns are pub-

lished in the January/February 2015 issue of The DX Magazine ("I was not able to provide some of the breakdowns as in past years due to a computer malfunction," N4AA says, "Some of the data was corrupted and was not retrievable").

New DXer's Handbook

Four years ago, Bryce, K7UA, wrote a series of short articles for his local DX club called the "New DXer's Handbook." Bryce tells us, "The original has become outdated and was not written for a broad audience in the first place but a revised second edition is now available free of charge at <http://www.k7ua.com/>."

The use of SDR

Bob, N6TV, has published a number of very interesting presentations on the use of SDR and other tools in your favourite radio sport events. This is a great way to get up to speed - thanks, Bob!

- Using Waterfall Displays as a Contesting Advantage, presented at 2014 Dayton Contest University (CTU)
<http://bit.ly/UsingWaterfall2014>
- CW Skimmers, DX Clusters, and The Reverse Beacon Network, presented at 2014 Dayton CTU <http://bit.ly/UsingRBN2014>
- CW Skimmers, DX Clusters, and The Reverse Beacon Network, presented at 2013 Dayton CTU <http://bit.ly/UsingRBN2013>
- Using The Reverse Beacon Network as a Contesting Advantage, presented at 2012 Dayton Hamvention, Contest Forum
<http://bit.ly/UsingRBNPDF>
- Using Waterfall Displays as a Contesting Advantage, presented at the 2011 Visalia DX Convention, NCCC Contest Academy
<http://bit.ly/WaterfallDisplaysPDF>
- Adding a Software Defined Radio (SDR) to an SO2R station
<http://tinyurl.com/4zama4>

New WAS Award Application Processing on Hold

The ARRL is redesigning the basic Worked All States (WAS) Award certificate

<http://www.arrl.org/was> and has put a hold on the processing of new WAS applications received after about 24 December 2014. "We are making the certificate the same size as a DXCC certificate (11 x 14), so we can return to using stickers for endorsements in most cases," said ARRL Field Services and Radiosport Manager Dave Patton, NN1N. "The ever-popular WAS program has grown in many ways here at Headquarters and we need to reorganize for more consistency." Patton said the Triple Play certificate and plaque would not change. The Worked All States Award is earned by confirming contacts with stations in all 50 US states. It was introduced in 1936.

New Japanese Band Plan

Japan has a new band plan, published by the Japanese Amateur Radio League (JARL). The JA allocations on 160 and 80/75 metres are somewhat fragmented, so it is important for DX contesters to have the latest information!

http://jarl.org/English/6_Band_Plan/JapaneseAmateurBandplans20150105.pdf

RTTY Skimmer Server

If your computer is powerful enough and you have a QS1R SDR, you can now auto-spot both RTTY and CW stations on multiple bands using the latest software creation of Alex, VE3NEA, RTTY Skimmer Server <http://dxatlas.com/RttySkimServ/>.

Sounds we do not hear any more

If it startles you to hear a mobile phone ringing like an old desk model from Ma Bell, you will probably enjoy visiting the Museum of Endangered Sounds

<http://savethesounds.info/>.

There is a related thread on the Slashdot website, "Sounds We Don't Hear Any More" that is full of interesting comments, as well

<http://ask.slashdot.org/story/15/01/10/2244248/ask-slashdot-sounds-we-dont-hear-any-more>.

A New Year resolution

An interesting resolution for the New Year would be to cobble together a transmitter from a design published the year you were born.

<http://mailman.qth.net/mailman/listinfo/grp-l/>

African Islands



IOTA frequencies

CW: 28 040 24 920 21 040

18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

VQ9XR Diego Garcia Island (AF-006) postponed. On 13 January 2015, Bob, N7XR, reported that the trip has been postponed due to logistics. He will advise when he knows the new dates.

Seychelles. Eric, OE4AAC, will be active holiday style from the Seychelles (AF-024) between 15 January and 10 February 2015. He will be active 40 to 10 metres using CW with a K3, SG231 and 10 m fiberglass rod vertical. Eric plans to activate both Mahe Island and Praslin Island during his visit for World Lighthouses on the Air (WLOTA). QSL via OE4AAC, OQRS.

Reunion Island, FR. Guy, F5MNV will again be active as FR/F5MNV from Reunion Island (IOTA AF-016, WW Loc LG78pu) between 19 March and 14 April 2015. He will be active on the HF bands, CW only. QSL direct or Bureau. Please no IRCs! Visit the website at www.qrz.com/db/FR/F5MNV

African DX

The Gambia, C5. The C5X Gambia DXpedition - Steve Wilson, G3VMW, reports [edited], "Everything is on schedule for the C5X DXpedition to the Gambia starting on 15 January and ending on 26 January 2015.

The team of four English operators - Steve, G3VMW, Alan, G3XAQ, Don, G3XTT, and Iain, MOPCB, fly to Banjul on the morning

of 15 January from Gatwick after meeting up there the evening before. They will be operating from the Bungalow Beach Hotel at Kotu, in the Serrakunda district of Gambia on a north-nest facing site, close to the Atlantic Ocean.



With two high-power stations equipped with Elecraft K3 transceivers and KPA-500 amplifiers, the team will be active on all bands 160 to 10 m on CW, SSB, RTTY and a little PSK31/63. Antennas include two Spiderbeams on the five HF bands and dipoles at good height for the lower bands. Sadly, the public beach area is not suitable for VDAs.

The Clublog Leader Board will be enabled for this operation and we are more than happy to work everyone on multiple band slots, but please avoid duplicate QSOs on the same band/mode.

Our QSL Manager, Charles Wilmott, MOOXO, will update Clublog and LoTW daily with our logs. An OQRS system for C5X paper QSLs will also be available via MOOXO's web site at <http://www.m0oxo.com> and from Clublog.

We are not seeking donations, this is a holiday style fly-in, fly-out operation with the emphasis on fun. We have not specified any TX frequencies by band, and will always try to avoid other DXpeditions that may be active. However, we will ALWAYS work split frequency, listening UP, normally between 1 to 5 kHz. Please do not call on our TX frequency. We are aware of the real possibility these days of DQRM and will make frequent checks on our TX frequency, and if necessary, move a few kHz lower or higher to clear the QRM.

We look forward to many enjoyable QSOs."

Malawi, 7Q. Karl, DK2WV will be active again as 7Q7VW from Malawi from 26 January to 6 February. He plans to be active on 160 to 6 metres. QSL via DK2WV.

Malawi, 7Q. Ken, LA7GIA, will once again be active as 7Q7GIA from Lilongwe between 21 and 28 February. Activity will be on 80 to 10 metres using CW and RTTY with wire and vertical antennas. QSL via his home call sign, direct (NO IRCs) or by the Bureau. Logs will be uploaded to LoTW and ClubLog.

Angola, D2. Igor, UA9OBO, is currently staying in Angola until 8 December 2015 and operates as D3AM. QSL via UA1QV, direct.

History this Week

Week starting 12 January 2015

1759 - The British Museum, in Bloomsbury, London, the world's oldest public national museum, opened

1840 - Charles Wheatstone and WF Cooke were granted the earliest English alphabetic telegraph patent

1868 - A patent for a refrigerator car, "ice box on wheels," was granted to William Davis, Detroit

1882 - A US patent was issued to Leroy Firman of Chicago for a telephone switchboard

1906 - First radio set advertised (Telimco for \$7.50 in Scientific American) claimed to receive signals up to one mile

1908 - A wireless message was sent long-distance for the first time from the Eiffel Tower in Paris

1911 - The first landing of an aircraft on a ship took place by pilot Lt Eugene B. Ely

1914 - Henry Ford announces the assembly line for T-Fords started on 1 Dec 1913

1915 - South African soldiers occupy Swakopmund in South West Africa during World War 1

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 12 to 19

HF Happenings	No 639	January 2015
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January 2015

QRP Fox Hunt

02:00 - 03:30 UTC 14 January

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 15 January 2015

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.qrpfoxhunt.org/winter_rules.htm

CWops Mini-CWT Test

13:00 - 14:00 UTC 14 and 19:00 - 20:00 UTC

14 January and 03:00 - 04:00 UTC 15 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 17 January 2015

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

AWA Linc Cundall Memorial CW Contest

23:00 UTC 14 January to 23:00 UTC 15 January and 23:00 UTC 17 January to 23:00 UTC 18 January

Mode: CW

Bands: 160, 80, 40 m

Classes: (none)

Exchange: RST, Eqpt Year and Input Power (see rules for format)

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points

Submit logs by: 15 February 2015

E-mail logs to: mjmurphy45@comcast.net

Mail logs to: Mike Murphy, 38 North Reading St., Manchester, NH 03104, USA

Find rules at:

<http://www.antiquewireless.org/awa-on-the-air.html>

NAQCC CW Sprint

01:30 - 03:30 UTC 16 January

Mode: CW

Bands: 160 m Only

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 19 January 2015

E-mail logs to: naqcc33@windstream.net

Upload log at: <http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at:

http://naqcc.info/sprint201501_160.html

NCCC RTTY Sprint

0145Z-0215Z 16 January

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 January 2015

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rttyns.html>

QRP Fox Hunt

02:00 - 03:30 UTC 16 January

Mode: CW

Bands: 80 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST and state, province or country and name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 17 January 2015

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint Ladder

02:30 - 03:00 UTC 16 January

Mode: CW

Bands: 160, 80, 40, 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 January 2015

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

YL-ISSB SSB QSO Party

00:00 UTC 17 January to 23:59 UTC 18 January

Mode: SSB

Bands: All

Classes: (none)

Exchange: RS(T), name, state, province or country and YLISB no

Work stations: Once per band

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 March 2015

E-mail logs to: ve1jim@ns.sympatico.ca

Mail logs to: Jim Flowers, VE1JIM, 13 Rufus Ave, Halifax, Nova Scotia B3N 2L4, Canada

Find rules at:

<http://www.ylssystem.org/qsoparty/qsodates.htm>

LZ Open Contest

00:00 - 04:00 UTC 17 January

Mode: CW

Bands: 80, 40 m

Classes: Single Op; Multi-Op; QRP

Max power: QRP: 5 W

Exchange: 3-Digit serial no and 3-digit serial no received from last QSO

Work stations: Once each 30 minutes

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 27 January 2015

E-mail logs to: LZ1GL@yahoo.com

Mail logs to: (none)

Find rules at: <http://www.lzopen.com/lz-open-contest/rules/rulesF.htm>

Hungarian DX Contest

12:00 UTC 17 January to 11:59 UTC 18 January

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - CW or SSB - low or high; Single Op All Band Mixed - QRP, low or high; Single Op Single Band - mixed, CW or SSB - low or high; Multi-Single - low or high; Multi-Multi; SWL

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 10 watts

Exchange: HA: RS(T) and 2-letter county; non-HA: RS(T) and Serial No.

Work stations: Once per band per mode

QSO Points: 1 point per QSO with same country; 1 point per QSO with different country, same continent; 3 points per QSO with different continent; 6 points per QSO with HA station

Multipliers: Hungarian counties, once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 17 February 2015

E-mail logs to: hadx@mrasz.axelero.net

Upload log at: <http://www.ha-dx.com/HADX/>

Mail logs to: MRASZ, 1400 Budapest, PO Box 11, Hungary

Find rules at:

http://www.ha-dx.com/HADX/html/rules_en.html

North American SSB QSO Party

18:00 UTC 17 January to 05:59 UTC 18 January

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op (QRP/Low); Multi-Two (Low)

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 05:59 UTC 25 January 2015

E-mail logs to: (none)

Upload log at:

<http://www.ncjweb.com/naqplogsubmit/>

Mail logs to: Bill Lippert, ACOW, 2013 6th Avenue SE, Austin, MN 55912-4321, USA

Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>

Feld Hell Sprint

20:00 - 23:59 UTC 17 January (EU, AF and Mid East) or 23:00 UTC 17 January to 02:59 UTC 18 January (NA, SA and Carib)

Mode: Feld Hell

Bands: 160, 80, 40 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 24 January 2015

Upload log at:

<https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)

Find rules at:

<https://sites.google.com/site/feldhellclub/Home/contests/sprints/low-down-sprint>

Classic CW Exchange

14:00 UTC 18 January to 08:00 UTC 19 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: (none)

Exchange: Name, RST, state, province or country and rcvr/xmtr manuf/model

Work stations: Once per band per mode per rcv/xmtr manuf/model

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = sum(total mode QSO points x total mode mults) and Bonus Points

Submit logs by: 30 April 2015

E-mail logs to: WQ8U@gmail.com

Mail logs to: WQ8U, 104 W. Queen St., Hillsborough, NC 27278, USA

Find rules at:

<http://www.classicexchange.org/jan15ann.html>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 19 January

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 January 2015

E-mail logs to: (none)

Upload log at:

<http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 21 January

Locust QSO Party, 02:00 - 02:30 UTC (40 m)

and 02:30 - 03:00 UTC (80 m) 21 January

CWops Mini-CWT Test, 13:00 - 14:00 UTC and

19:00 - 20:00 UTC 21 January 03:00 - 04:00

UTC 22 January

NAQCC CW Sprint, 01:30 - 03:30 UTC 22

January

NCCC RTTY Sprint, 01:45 - 02:15 UTC 23

January

QRP Fox Hunt, 02:00 - 03:30 UTC 23 January

NCCC Sprint Ladder, 02:30 - 03:00 UTC 23

January

CQ 160-Metre CW Contest, 22:00 UTC 23

January to 22:00 UTC 25 January

REF Contest, CW, 06:00 UTC 24 January to

18:00 UTC 25 January

BARTG RTTY Sprint, 12:00 UTC 24 January

to 12:00 UTC 25 January

SPAR Winter Field Day, 17:00 UTC 24 Janu-

ary to 17:00 UTC 25 January

ARRL January VHF Contest, 19:00 UTC 24

January to 03:59 UTC 26 January

WAB 1,8 MHz Phone, 19:00 - 23:00 UTC 24

January

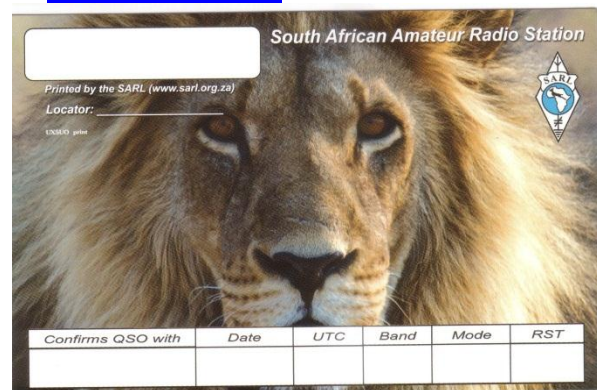
QRP ARCI Fireside SSB Sprint, 20:00 - 23:59

UTC 25 January

QSLing is the final courtesy of a QSO

The South African Radio League has produced a generic QSL card, which you can personalise by writing in your own call sign. The cards are available in batches of 100 at R50 per batch, including postage. To order, pay in the amount for the required number of QSL cards into the SARL account.

Account details: ABSA account no 407 158 8849, branch code 632 005. Send details of the delivery address and proof of payment to zs6wwj@gmail.com



Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin



My first radio!